

Title (en)

Electronic driving circuit for a bistable actuator

Title (de)

Elektronische Steuerschaltung für eine bistabile Betätigungsvorrichtung

Title (fr)

Circuit de commande électronique pour dispositif bistable de commande

Publication

EP 1014413 A3 20011212 (EN)

Application

EP 99204082 A 19991202

Priority

IT MI982828 A 19981224

Abstract (en)

[origin: EP1014413A2] An electronic driving circuit for a bistable actuator activated by piezoelectric elements, particularly for residual-current devices, the circuit comprising voltage step-up means which are suitable to step up and store a voltage generated across a secondary winding of a current sensor, the step-up means being connected to threshold setting means which are suitable to determine an intervention threshold of a bistable actuator activated by piezoelectric elements, whose activation is determined by an excitation voltage applied across it which is higher than the voltage threshold set by the threshold setting means. <IMAGE>

IPC 1-7

H01H 57/00; **H01H 83/02**; **H01H 71/12**

IPC 8 full level

H01H 57/00 (2006.01); **H02H 3/33** (2006.01); **H01H 83/14** (2006.01); **H01L 41/04** (2006.01)

CPC (source: EP US)

H01H 57/00 (2013.01 - EP US); **H02H 3/33** (2013.01 - EP US); **H01H 83/144** (2013.01 - EP US); **H10N 30/802** (2023.02 - EP US)

Citation (search report)

- [Y] US 3535590 A 19701020 - MAYER FERDY
- [Y] EP 0548732 A2 19930630 - ABB PATENT GMBH [DE]

Cited by

CN104008937A; US7415971B2; WO2006015904A1

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